

SPECIFICATION



Title of Invention

Speargun Open Muzzle Band Elevators

Background of the Invention

This patent application is for an open muzzle band elevator, which attaches to the distal end of a speargun and is designed to aid the spearfisherman fire his speargun more accurately, with less noise, and greater efficiency.

Brief Summary of the Invention

Spearguns are commonly powered by tubular rubber bands, called power bands. When these power bands are attached to a speargun they are often placed below the resting spear shaft at the end of the gun barrel. This style of spearguns with the bands below the spear shaft are called "Open Muzzle" style for their simplicity and lack of obstructions (such as power bands) above the spear shaft. When the power bands are placed below the spear shaft much of power and accuracy is lost, and the power release is directed at a downward vector to the origin of the powerband. This invention, Speargun Open Muzzle Band Elevator, raises the stretched power bands to the same plane as the spear shaft thus alleviating the downward vector that other "open muzzle" styles have.

Brief Description of the Drawing

Figure #1 – This figure shows a side view of the Speargun Open Muzzle Band Elevator.

Figure #2 – This figure shows a top view of the Speargun Open Muzzle Band Elevator.

Figure #3 – This figure shows a horizontal view of the Speargun Open Muzzle Band Elevator and how it would fit into the distal end of a speargun barrel. Notice how the stabilizer bar is horizontal and is integrated into the muzzle piece. The cocked powerbands would lie over the stabilizer bar and are held parallel to the spear.

Detailed Description of the Invention